

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	27	MIMO and (chang\$4 adjust \$4 modif\$4) same (symbol bit) near rate same modulat \$4 and @ad<="20040326"	US-PGPUB; USPAT	OR	ON	2009/04/27 10:50
L2	20	MIMO and (chang\$4 adjust \$4 modif\$4 select\$4) same (symbol near rate) same modulat\$4 and @ad<="20040326"	US-PGPUB; USPAT	OR	ON	2009/04/27 12:32
L3	15	MIMO and (select\$4) same (symbol near rate) same modulat\$4 and @ad<="20040326"	US-PGPUB; USPAT	OR	ON	2009/04/27 12:32
L4	3	MIMO and (select\$4) near6 (symbol near rate) same modulat\$4 and @ad<="20040326"	US-PGPUB; USPAT	OR	ON	2009/04/27 12:34
L5	2	"20040143428"	US-PGPUB; USPAT	OR	ON	2009/04/27 13:35
L8	28	"370"/\$.ccls. and MIMO and ((reduc\$4 shut\$4) same circuit) and @ad<="20040326"	US-PGPUB; USPAT	OR	ON	2009/04/27 14:46
L9	151	"370"/\$.ccls. and MIMO and ((reduc\$4 shut\$4) same (process\$4 circuit)) and @ad<="20040326"	US-PGPUB; USPAT	OR	ON	2009/04/27 14:48
L10	5	"370"/\$.ccls. and MIMO and ((turn near off) or (shut near down)) same (process \$4 circuit hardware unit) and @ad<="20040326"	US-PGPUB; USPAT	OR	ON	2009/04/27 14:53
L11	4	"455"/\$.ccls. and MIMO and ((turn near off) or (shut near down)) same (process \$4 circuit hardware unit) and @ad<="20040326"	US-PGPUB; USPAT	OR	ON	2009/04/27 14:57
L12	10	"455"/\$.ccls. and MIMO and ((turn near off) or (shut near down)) and @ad<="20040326"	US-PGPUB; USPAT	OR	ON	2009/04/27 14:58
L13	9	(direct and indirect) adj modulation and ("370"/\$.ccls. or "455"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2009/04/27 17:23

L14	8	L13 and @ad<="20040326"	US-PGPUB; USPAT	OR	ON	2009/04/27 17:23
S1	1	("6175550").PN.	US-PGPUB; USPAT	OR	OFF	2008/05/29 19:29
S2	1	("6751187").PN.	US-PGPUB; USPAT	OR	OFF	2008/05/29 19:30
S3	1	("7072413").PN.	US-PGPUB; USPAT	OR	OFF	2008/05/29 19:31
S4	14094	OFDM	US-PGPUB; USPAT	OR	ON	2008/05/31 17:03
S5	2563	OFDM and MIMO	US-PGPUB; USPAT	OR	ON	2008/05/31 17:03
S6	539	OFDM and MIMO and @ad<="20040326"	US-PGPUB; USPAT	OR	ON	2008/05/31 17:40
S7	345	OFDM and MIMO and adapt \$4 and @ad<="20040326"	US-PGPUB; USPAT	OR	ON	2008/05/31 17:41
S8	3959	370/342.ccls.	US-PGPUB; USPAT	OR	ON	2008/05/31 17:52
S9	3	plurality adj antennas same (symbol adj rate) same demodulat\$4	US-PGPUB; USPAT	OR	ON	2008/05/31 17:54
S10	32	(plurality or multiple) same antennas same (symbol adj rate) same demodulat\$4	US-PGPUB; USPAT	OR	ON	2008/05/31 17:55
S11	737	modulat\$4 same (symbol adj rate) same demodulat\$4	US-PGPUB; USPAT	OR	ON	2008/05/31 17:56
S12	16	S8 and S11	US-PGPUB; USPAT	OR	ON	2008/05/31 17:56
S13	16	S8 and S11	US-PGPUB; USPAT	OR	ON	2008/05/31 17:57
S14	41	(set\$4 or chang\$4 or modify \$4) same (symbol adj rate) same (signal\$1 adj level\$)	US-PGPUB; USPAT	OR	ON	2008/05/31 18:00
S15	4	(set\$4 or chang\$4 or modify \$4) same (symbol adj rate) same (signal\$1 adj level\$) and (multipath same interference)	US-PGPUB; USPAT	OR	ON	2008/05/31 18:04
S16	202	S8 and ((adapt\$4 or set\$4 or chang\$4 or modif\$4) same (symbol adj rate\$1))	US-PGPUB; USPAT	OR	ON	2008/05/31 18:12
S17	106	S8 and ((adapt\$4 or set\$4 or chang\$4 or modif\$4) same (symbol adj rate\$1) same signal)	US-PGPUB; USPAT	OR	ON	2008/05/31 18:12

S18	1	S8 and ((adapt\$4 or set\$4 or chang\$4 or modif\$4) same (symbol adj rate\$1) same signal adj (level\$1 or strength))	US-PGPUB; USPAT	OR	ON	2008/05/31 18:13
S19	1	("6175550").PN.	US-PGPUB; USPAT	OR	OFF	2008/06/02 15:15
S20	3479	OFDM and GHz	US-PGPUB; USPAT	OR	ON	2008/06/03 10:25
S21	2905	OFDM and (frequenc\$3 same GHz)	US-PGPUB; USPAT	OR	ON	2008/06/03 10:25
S22	1231	OFDM and (frequenc\$3 same GHz) and @ad<="20040326"	US-PGPUB; USPAT	OR	ON	2008/06/03 10:26
S23	622	OFDM same (frequenc\$3 same GHz) and @ad<="20040326"	US-PGPUB; USPAT	OR	ON	2008/06/03 10:27
S24	2950	(direct or indirect) adj modulation	US-PGPUB; USPAT	OR	ON	2008/06/03 11:01
S25	2186	(direct or indirect) adj modulation and @ad<="20040326"	US-PGPUB; USPAT	OR	ON	2008/06/03 11:03
S26	20	(direct or indirect) adj modulation and OFDM and @ad<="20040326"	US-PGPUB; USPAT	OR	ON	2008/06/03 11:04
S27	2	(direct and indirect) adj modulation and OFDM and @ad<="20040326"	US-PGPUB; USPAT	OR	ON	2008/06/03 11:05
S28	1	"10594444"	US-PGPUB; USPAT	OR	ON	2008/06/03 11:08
S29	1	(direct and indirect) adj modulation and "370"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2008/06/03 15:14
S30	0	(direct and indirect) adj modulation and "370"/\$.ccls. and "455"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2008/06/03 15:17
S31	9	(direct and indirect) adj modulation and ("370"/\$.ccls. or "455"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2008/06/03 15:17
S32	6	(direct and indirect) adj modulation and demodulation and ("370"/\$.ccls. or "455"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2008/06/03 15:45
S33	312	370/464.ccls.	US-PGPUB; USPAT	OR	ON	2008/06/03 17:27
S34	3	370/464.ccls. and (chang\$4 or modif\$4 or reduc\$4) same (symbol adj rate\$1)	US-PGPUB; USPAT	OR	ON	2008/06/03 17:29

S35	1	("7315563").PN.	US-PGPUB; USPAT	OR	OFF	2008/06/04 17:21
S36	1	"10594444"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/18 14:52
S37	1	"6175550".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/18 16:07
S38	7955	370/229-235.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/18 16:24
S39	5660	S38 and (multiple plurality antennas) and @ad<="20050309"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/18 16:24
S40	31	S38 and ((multiple plurality) near antennas) and @ad<="20050309"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/18 16:25
S41	1	"10594444"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/19 14:10
S42	7955	370/229-235.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/19 14:25
S43	26	S42 and ((multiple plurality) near antennas and rates) and @ad<="20050309"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/19 14:25
S44	17	S42 and ((multiple plurality) near antennas and symbol and rates) and @ad<="20050309"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/19 14:26
S45	1	"6175550".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/19 14:45
S46	4225	S42 and (MIMO and (transmission symbol data) rates) and @ad<="20040326"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/19 15:12
S47	13	S42 and (MIMO and (transmission symbol data) same rates) and @ad<="20040326"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/19 15:13
S48	7969	370/229-235.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/20 14:21
S49	570	S48 and matrix	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/20 14:21

S50	384	S48 and matrix and @ad<="20040326"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/20 14:21
S51	1	S48 and (channel near matrix) and @ad<="20040326"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/20 14:22
S52	1	"11462451"	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/20 18:35
S53	1422	(multipath interference) same adjust same (symbol rate modulation) and @ad<="20040326"	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/24 14:06
S54	407	"370"/\$.ccls. and (multipath interference) same adjust same (symbol rate modulation) and @ad<="20040326"	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/24 14:07
S55	393	370/204.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/24 14:08
S56	1	S53 and S55	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/24 14:08
S57	8070	"370"/\$.ccls. and diversity	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/24 14:13

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